Zhenghong Tang

List of Publications by Year
in descending order

56 papers	2,406 citations	257450 24 h-index	206112 48 g-index
57 all docs	57 docs citations	57 times ranked	2709 citing authors

#	Article	IF	Citations
1	A GIS-Based Spatial Multi-Criteria Approach for Flood Risk Assessment in the Dongting Lake Region, Hunan, Central China. Water Resources Management, 2011, 25, 3465-3484.	3.9	262
2	Moving from agenda to action: evaluating local climate change action plans. Journal of Environmental Planning and Management, 2010, 53, 41-62.	4.5	213
3	Projected climate regime shift under future global warming from multi-model, multi-scenario CMIP5 simulations. Global and Planetary Change, 2014, 112, 41-52.	3.5	169
4	Modelling the potential impacts of urban ecosystem changes on carbon storage under different scenarios by linking the CLUE-S and the InVEST models. Ecological Modelling, 2017, 345, 30-40.	2.5	144
5	Effects of rainfall and slope on runoff, soil erosion and rill development: an experimental study using two loess soils. Hydrological Processes, 2015, 29, 2649-2658.	2.6	118
6	Evaluating the aesthetic value of cultural ecosystem services by mapping geo-tagged photographs from social media data on Panoramio and Flickr. Journal of Environmental Planning and Management, 2017, 60, 266-281.	4.5	98
7	Examining the role of social media in Californiaâ€™s drought risk management in 2014. Natural Hazards, 2015, 79, 171-193.	3.4	92
8	Long-Term Changes of Open-Surface Water Bodies in the Yangtze River Basin Based on the Google Earth Engine Cloud Platform. Remote Sensing, 2019, 11, 2213.	4.0	90
9	Winter wheat mapping combining variations before and after estimated heading dates. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 123, 35-46.	11.1	89
10	Effects of water erosion on the redistribution of soil organic carbon in the hilly red soil region of southern China. Geomorphology, 2013, 197, 137-144.	2.6	79
11	Mapping paddy rice areas based on vegetation phenology and surface moisture conditions. Ecological Indicators, 2015, 56, 79-86.	6.3	74
12	Assessing Nebraska playa wetland inundation status during 1985â€“2015 using Landsat data and Google Earth Engine. Environmental Monitoring and Assessment, 2016, 188, 654.	2.7	67
13	Spatio-Temporal Change of Lake Water Extent in Wuhan Urban Agglomeration Based on Landsat Images from 1987 to 2015. Remote Sensing, 2017, 9, 270.	4.0	67
14	Assessing Hazard Vulnerability, Habitat Conservation, and Restoration for the Enhancement of Mainland China's Coastal Resilience. Earth's Future, 2018, 6, 326-338.	6.3	57
15	Impact of meteorological drought on streamflow drought in Jinghe River Basin of China. Chinese Geographical Science, 2014, 24, 694-705.	3.0	56
16	Spectral matching based on discrete particle swarm optimization: A new method for terrestrial water body extraction using multi-temporal Landsat 8 images. Remote Sensing of Environment, 2018, 209, 1-18.	11.0	55
17	Measuring Tsunami Planning Capacity on U.S. Pacific Coast. Natural Hazards Review, 2008, 9, 91-100.	1.5	53
18	Linking Planning Theories with Factors Influencing Local Environmental-Plan Quality. Environment and Planning B: Planning and Design, 2009, 36, 522-537.	1.7	52

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19	Microbial responses to erosion-induced soil physico-chemical property changes in the hilly red soil region of southern China. European Journal of Soil Biology, 2015, 71, 37-44.	3.2	52
20	Evaluating local coastal zone land use planning capacities in California. Ocean and Coastal Management, 2008, 51, 544-555.	4.4	47
21	Comparative evaluation of geological disaster susceptibility using multi-regression methods and spatial accuracy validation. Journal of Chinese Geography, 2017, 27, 439-462.	3.9	40
22	Planning for drought-resilient communities: An evaluation of local comprehensive plans in the fastest growing counties in the US. Cities, 2013, 32, 60-69.	5.6	34
23	An overview of US state drought plans: crisis or risk management?. Natural Hazards, 2013, 69, 1607-1627.	3.4	28
24	Evaluating California local land use plan's environmental impact reports. Environmental Impact Assessment Review, 2009, 29, 96-106.	9.2	27
25	Examining locally driven climate change policy efforts in three Pacific states. Ocean and Coastal Management, 2011, 54, 415-426.	4.4	26
26	Examining Local Coastal Zone Management Capacity in U.S. Pacific Coastal Counties. Coastal Management, 2011, 39, 105-132.	2.0	23
27	The use of forest-derived specific gravity for the conversion of volume to biomass for open-grown trees on agricultural land. Biomass and Bioenergy, 2011, 35, 1721-1731.	5.7	22
28	Evaluating Internet-based public participation GIS (PPGIS) and volunteered geographic information (VGI) in environmental planning and management. Journal of Environmental Planning and Management, 2016, 59, 1073-1090.	4.5	20
29	Content analysis for the U.S. coastal states' climate action plans in managing the risks of extreme climate events and disasters. Ocean and Coastal Management, 2013, 80, 46-54.	4.4	19
30	Drought planning research in the United States: An overview and outlook. International Journal of Disaster Risk Science, 2013, 4, 51-58.	2.9	18
31	Capturing Li<scp>DAR</scp>â€Derived Hydrologic Spatial Parameters to Evaluate Playa Wetlands. Journal of the American Water Resources Association, 2014, 50, 234-245.	2.4	18
32	Developing a Restorable Wetland Index for Rainwater Basin Wetlands in South-Central Nebraska: A Multi-Criteria Spatial Analysis. Wetlands, 2012, 32, 975-984.	1.5	17
33	Drainage Structure Datasets and Effects on LiDAR-Derived Surface Flow Modeling. ISPRS International Journal of Geo-Information, 2013, 2, 1136-1152.	2.9	16
34	INTEGRATING THE PRINCIPLES OF STRATEGIC ENVIRONMENTAL ASSESSMENT INTO LOCAL COMPREHENSIVE LAND USE PLANNING. Journal of Environmental Assessment Policy and Management, 2008, 10, 143-171.	7.9	14
35	Examining Playa Wetland Contemporary Conditions in the Rainwater Basin, Nebraska. Wetlands, 2018, 38, 25-36.	1.5	13
36	Examining Playa Wetland Inundation Conditions for National Wetland Inventory, Soil Survey Geographic Database, and LiDAR Data. Wetlands, 2015, 35, 641-654.	1.5	12

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37	Utilizing unsupervised learning, multi-view imaging, and CNN-based attention facilitates cost-effective wetland mapping. Remote Sensing of Environment, 2021, 267, 112757.	11.0	12
38	How are California local jurisdictions incorporating a strategic environmental assessment in local comprehensive land use plans?. Local Environment, 2009, 14, 313-328.	2.4	11
39	Calibrating Human Attention as Indicator Monitoring #drought in the Twittersphere. Bulletin of the American Meteorological Society, 2020, 101, E1801-E1819.	3.3	11
40	Surveying local planning directors ' actions for climate change. International Journal of Climate Change Strategies and Management, 2012, 4, 81-103.	2.9	10
41	Measuring local climate change response capacity and bridging gaps between local action plans and land use plans. International Journal of Climate Change Strategies and Management, 2011, 3, 74-100.	2.9	9
42	Using Fly Ash as a Marker to Quantify Culturallyâ€Accelerated Sediment Accumulation in Playa Wetlands. Journal of the American Water Resources Association, 2015, 51, 1643-1655.	2.4	9
43	Assessing the contemporary status of Nebraskaâ€™s eastern saline wetlands by using a machine learning algorithm on the Google Earth Engine cloud computing platform. Environmental Monitoring and Assessment, 2022, 194, 193.	2.7	9
44	Evaluating climate change adaptation efforts on the US 50 statesâ€™ hazard mitigation plans. Natural Hazards, 2018, 92, 783-804.	3.4	7
45	Climate change impacts the subsurface transport of atrazine and estrone originating from agricultural production activities. Environmental Pollution, 2020, 265, 115024.	7.5	7
46	ASSESSING THE PRINCIPLES OF COMMUNITY-BASED NATURAL RESOURCES MANAGEMENT IN LOCAL ENVIRONMENTAL CONSERVATION PLANS. Journal of Environmental Assessment Policy and Management, 2011, 13, 405-434.	7.9	6
47	The Role of Local Leaders in Environmental Concerns in Master Plans. Journal of Planning Education and Research, 0, , 0739456X1769906.	2.7	6
48	Conservation significantly improves wetland conditions: evaluation of playa wetlands in different conservation status. Wetlands Ecology and Management, 2020, 28, 85-102.	1.5	6
49	Use RUSLE2 model to assess the impact of soil erosion on playa inundation and hydrophyte conditions in the Rainwater Basin, Nebraska. Environmental Monitoring and Assessment, 2016, 188, 319.	2.7	5
50	BUILDING LOW-CARBON CITIES: ASSESSING THE FAST GROWING U.S. CITIES' LAND USE COMPREHENSIVE PLANS. Journal of Environmental Assessment Policy and Management, 2014, 16, 1450003.	7.9	4
51	Developing an Interactive Mobile Volunteered Geographic Information Platform to Integrate Environmental Big Data and Citizen Science in Urban Management. Springer Geography, 2017, , 65-81.	0.4	4
52	An examination of midwestern US citiesâ€™ preparedness for climate change and extreme hazards. Natural Hazards, 2018, 94, 777-800.	3.4	4
53	Using the electromagnetic induction survey method to examine the depth to clay soil layer (Bt) Tj ETQq1 1 0.784314 rgBT /Overlock	3.0	2
54	ASSESSING SUSTAINABLE DEVELOPMENT GAPS BETWEEN THE STATE AND LOCAL JURISDICTIONS. Journal of Environmental Assessment Policy and Management, 2010, 12, 263-289.	7.9	1

#	Article	IF	Citations
55	Assessing Social Media Communications of Local Governments in Fast-Growing U.S. Cities. Professional Geographer, 2021, 73, 702-712.	1.8	1
56	Evaluating Nebraskaâ€™s local comprehensive plans to achieve the national wetland conservation missions in the USA. Ecosystem Health and Sustainability, 2022, 8, .	3.1	0